

NRCS Actions: NRCS staff have been in the field since Sunday morning, evaluating damage across the entire area affected by the June 7 - 8 storms and the subsequent June 12 storms. NRCS is working closely with local partners, County staff, and the State Dam Safety Engineers, and taking precautions to ensure inspections are completed safely.

High Risk Projects: The Wisconsin State Conservationist has received approval for EWP exigency funds to provide emergency repairs for the following projects to reduce further damage to property -

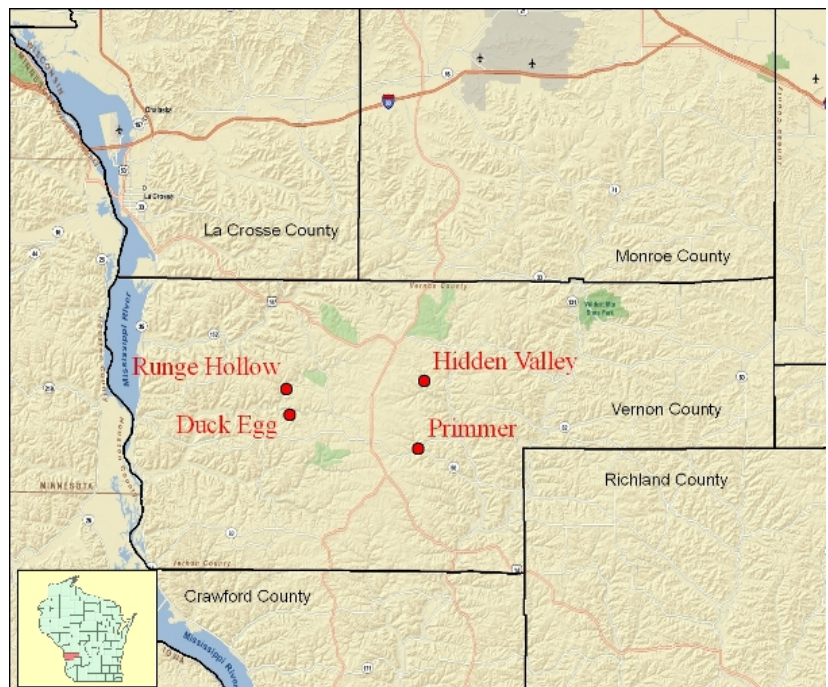
West Fork Kickapoo 17 (Primmer) - The water level on June 9 was 2 feet over the top riser. Seepage and slumping from the right abutment has moved upstream to the base of the dam. A state highway, 2 homes, and a bridge are at risk downstream from the dam. An emergency controlled partial breach of the dam was started June 12, and is 90% complete. The breach will reduce the potential damage from future storm events.

West Fork Kickapoo 4 (Hidden Valley) is in danger of further significant damage with a future rain event. The auxiliary spillway sustained significant erosion. Engineers are working on the exigency construction plans now.

Bad Axe 11 (Duck Egg) is in danger of further significant damage with a future rain event. Flow on June 9 was 4 feet over the auxiliary spillway crest, causing significant damage to the outlet. Engineers are working on the exigency construction plans now.

Bad Axe 12 (Runge Hollow) - Flow was up to, but not over the control section of the auxiliary spillway. Water is coming through the left abutment and into the previously completed temporary chute fix. June 12 check showed good correlation of flow with pool level. Engineers are working on the exigency construction plans now.

Lake Delton - EWP exigency funding has been approved for emergency work on Lake Delton to protect unstable cutbanks and prevent further erosion which could undermine homes near the breach area. To minimize further erosion in this area, the base flow channel will be rerouted to the dam outlet.





Primmer breach – 11 am June 12



Primmer – looking downstream - 11 am June 12



Hidden Valley – June 11



Runge Hollow – June 11



Duck Egg – June 13



Hidden Valley – June 9

Other Structures: – Notes from June 9 assessment

NRCS engineers are working closely with DNR engineers to provide technical assistance and information needed by local sponsors to make informed decisions.

West Fork 5 (Seas Branch) – The right abutment had significant flowage. The auxiliary spillway flowed about 1 foot deep. The pool had been previously drained. The structure performed at the full design capacity, but is at risk of further damage with another significant storm event. Evaluation continues.

West Fork 12 (Jacobson) - Auxiliary spillway is damaged by erosion. Dam was overtopped during the rain event.

West Fork 1 - Water rose to the principal spillway inlet. Significant flow through the left abutment. Downstream right abutment tiles are 1/3 to 1/2 full.

Coon Creek 17 - No auxiliary flow. Right side of the stilling basin was compromised (left side was fixed last year)

West Fork 3 - Some erosion at the toe of the auxiliary spillway.

West Fork 16 (Clockmaker) – The abutment drain was flowing turbid water, but not high volume. Some sloughing of the hillside within the Highway P right-of-way.

Bad Axe 33 - 6 inches of flow over the auxiliary spillway crest.

Bad Axe 34 - No auxiliary spillway flow, or flow through the previously observed slump.

Bad Axe 16, 17, & 24 - all OK, just debris cleanup needed.

Many non-federal dams in SE Wisconsin were also damaged. NRCS has circulated information describing available EWP assistance and has offered assistance to the State Dam Safety Engineer. No specific requests have been received. The PL-566 structures in the SE sustained only minor damage.

Richland, Crawford, Iowa Counties PL-566 structures have been checked, and all performed well, with little or no damage and just debris removal needed. Monitoring continues.

Sauk County -The 3 Plain-Honey PL-566 structures in Sauk County are being monitored by LCD staff, who have been in close contact with NRCS staff since the storm began. All are performing well, with no damage reported, and our information indicates the auxiliary spillways did not flow. Other nonfederal structures in Sauk County, including Redstone, Virginia, and Mirror Lake are being monitored. NRCS staff continues to work closely with DNR and LCD staff to monitor these structures and evaluate potential emergency repair needs.

Waukesha, Dodge, Columbia, Marquette, Adams Counties – NRCS staff have been in close contact with DNR and local staff who are inspecting many non-federal dams. Several have overtopped or are in danger of failing. Potential EWP assistance has been discussed. However, no EWP needs have been identified.

More information is on the Wisconsin Emergency Management Website: <http://emergencymanagement.wi.gov>

NRCS Contacts:

Tom Krapf, Acting State Conservationist 608-662-4422 ext 232 tom.krapf@wi.usda.gov

Carl Wacker, Acting Water Resources Program Manager 608-662-4422 ext 246 carl.wacker@wi.usda.gov

John Ramsden, State Engineer 608-662-4422 ext 234 john.ramsden@wi.usda.gov